



# LPS LABORATORIES, INC.

## MATERIAL SAFETY DATA SHEET

### SECTION 1 PRODUCT IDENTIFICATION AND USE

**MANUFACTURER'S NAME:**

LPS Laboratories, Inc.

**TRADE NAME:**

LPS® 3 Heavy-Duty Rust Inhibitor

**ADDRESS (Number, Street)**

4647 Hugh Howell Road

**CHEMICAL FAMILY:**

Petroleum Hydrocarbons

**ADDRESS (City, State, Zip)**

Tucker, GA 30084-5096

**PART NUMBERS:**

00037, 00303, 00305, 00316, 00355, 00937, 03128

**TELEPHONE NUMBER:** 404-934-7800**EMERGENCY TELEPHONE NUMBER:**

1-800-424-9300 Chemtrec

**MANUFACTURER'S D-U-N-S NO.:**

04-221-6549

**HAZARDOUS MATERIALS DESCRIPTION AND PROPER SHIPPING NAME (49 CFR 172.101):**

Compound, Boiler, Preserving Liquid

NMFC 50093 SUB 2 BRL/BXS CL55

CONSUMER COMMODITY ORM-D

**TSCA INVENTORY:**

All of the ingredients are listed on the TSCA Inventory

### SECTION 2 HAZARDOUS INGREDIENTS

INGREDIENTS:	CAS NUMBERS	% WW	OSHA PEL	TLV (UNITS)
Aliphatic Hydrocarbon	64742-88-7	70-80	500 ppm	100 ppm
Petroleum Oil (Severely Hydro-treated)	70592-78-8	10-15	5mg/m <sup>3</sup> *	N.E.
Dipropylene Glycol Monomethyl Ether	20324-32-7	2-3	100 ppm (Skin)	100
Non-Hazardous Proprietary Blend		10-15	N.E.	N.E.
Carbon Dioxide Propellant (Aerosol Only)	124-38-9	2-3	N.E.	5,000

\* oil mist

### SECTION 3 PHYSICAL DATA

<b>BOILING POINT:</b> (F°)	300°	<b>SPECIFIC GRAVITY:</b>	.830
<b>VAPOR PRESSURE:</b>	<2.0	(H <sub>2</sub> O = 1)	
(mmHg) 100°F		<b>PERCENT VOLATILE BY VOLUME (%):</b>	75
<b>VAPOR DENSITY:</b>	1	<b>EVAPORATION RATE:</b>	0.12
(Air = 1)		(n-Butyl Acetate = 1)	
<b>SOLUBILITY IN WATER:</b>	Nil		
<b>APPEARANCE AND ODOR:</b>	Dark brown liquid with sweet, mild odor.		

### SECTION 4 FIRE AND EXPLOSION HAZARD

<b>FLASH POINT:</b> 112°F	<b>FLAMMABLE LIMITS:</b>	<b>LEL</b>	<b>UEL</b>
	of diluent	0.7%	6.0%
<b>EXTINGUISHING MEDIA:</b>	Foam, dry chemical or carbon dioxide		

**SPECIAL FIRE FIGHTING PROCEDURES:** Do not use water. Treat as combustible petroleum distillates.**UNUSUAL FIRE AND EXPLOSIVE HAZARDS:** Excessive heat created by fire will cause aerosols to burst.

N.E. = Not Established

## SECTION 5 - HEALTH HAZARD DATA

**PRIMARY ROUTE(S) OF ENTRY:** Inhalation, eyes.

**EFFECTS OF OVEREXPOSURE:**

**Eyes:** Irritation.  
**Skin:** Repeated or prolonged contact may cause drying of skin.  
**Inhalation:** Headache, dizziness, nausea and anesthetic effects.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None from normal exposure.

**CHEMICALS LISTED AS POTENTIAL CARCINOGENS:** NTP: No IARC: No OSHA: No

**EMERGENCY AND FIRST AID PROCEDURES:**

**Eyes:** Flush with copious amounts of cold water and contact physician.  
**Skin:** Wash with soap and water and then apply medicated skin cream.  
**Inhalation:** Move to fresh air and contact physician.  
**Ingestion:** Contains aliphatic hydrocarbons and petroleum oil. Do not induce vomiting. Contact physician immediately. Minute amount aspirated into lungs during ingestion may cause severe pulmonary injury.

## SECTION 6 - REACTIVITY DATA

**STABILITY:** Stable  
**CONDITIONS TO AVOID:** Avoid sparks or open flames. (See handling and storage precautions.)

**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong oxidizing agents such as liquid chlorine, concentrated oxygen or sodium hypochlorite.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may yield carbon monoxide.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## SECTION 7 - SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Ventilate area by opening doors and windows. Remove ignition sources. Remove leaking container and transfer remaining product to another vessel. Prevent product from going into sewers and water courses by diking or impounding. Using appropriate safety equipment, mop up or soak up with absorbent material, such as sand or clay.

**WASTE DISPOSAL METHODS:** Dispose of in accordance with local, state and federal regulations for petroleum distillates.

**RCRA HAZARDOUS WASTE NO.:** D001

**CERCLA REPORTABLE QUANTITY:** N.A.

**SARA TITLE III CHEMICALS:** None

## SECTION 8 - SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION:** None required if good ventilation is maintained. For enclosed areas, use NIOSH approved organic vapor cartridge respirator or self-contained breathing apparatus.

**VENTILATION:** Local exhaust is usually adequate. However, mechanical ventilation should be used when spraying in enclosed areas. Vapor concentration should be minimized as much as possible.

**PROTECTIVE GLOVES:** Use solvent resistant gloves for liquid handling.

**EYE PROTECTION:** Use face shield or goggles when spraying or splashing.

**OTHER PROTECTIVE EQUIPMENT:** None.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store aerosols below 120 °F and above 32 °F. Store bulk below 150 °F and above 32 °F. Store away from ignition sources and avoid breathing vapors. Wash hands with soap and water after use or before breaks and lunch and at the end of work periods. Remove contaminated clothing and launder before reuse.

**H.M.I.S. LABELING:** Fire: 2 Health: 1 Reactivity: 0

Joe Tarpley, Technical Service Manager  
LPS Laboratories, Inc.  
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